

CLAIMS

1. A method operative in an Internet content delivery network (ICDN) having a set of content servers organized into regions and that provides delivery of Internet content on behalf of participating content providers, comprising:

5 establishing a set of one or more enterprise CDN regions within an enterprise firewall, wherein each enterprise CDN region has one or more surrogate origin servers;

responsive to a request for given Internet content originating from an end user within the enterprise, mapping the end user to a preferred enterprise CDN region that is likely to host the given Internet content; and

10 serving the given Internet content from the preferred enterprise CDN region.

2. The method as described in Claim 1 further including the step of importing control data from the Internet content delivery network (ICDN) into the enterprise CDN regions to determine how the given Internet content is to be handled on the surrogate origin servers within the enterprise CDN region.

3. The method as described in Claim 1 further including the step of exporting given data from one or more of the enterprise CDN regions to the ICDN, wherein the given data is selected from log, usage and state data.

4. The method as described in Claim 1 wherein at least surrogate origin server in at least one enterprise CDN region also serves internal enterprise content.

5. The method as described in Claim 4 further including the step of publishing the internal enterprise content to the enterprise CDN region from a given location in the enterprise.

6. The method as described in Claim 1 wherein each enterprise CDN region is identified using a public IP address space.

7. The method as described in Claim 1 wherein each enterprise CDN region is identified using a public IP address space.

8. A method operative in an Internet content delivery network (ICDN) having a set of content servers organized into regions and that provides delivery of Internet content on behalf of participating content providers, comprising:

establishing a set of one or more enterprise CDN regions within an enterprise firewall,
5 wherein each enterprise CDN region has one or more servers and is identified by a public IP address;

responsive to a request for given content originating from an end user within the enterprise, mapping the end user to a preferred enterprise CDN region that is likely to host the given Internet content, wherein the given content is Internet content that has been tagged for
10 delivery by at least one participating content provider or intranet content that has been tagged for delivery by the enterprise; and

serving the given content to the requesting end user.

15 9. The method as described in Claim 8 wherein a given server within an enterprise CDN region is an ICDN-aware ECDN server.

10. A method operative in an Internet content delivery network (ICDN) having a set of surrogate origin servers that provide delivery of Internet content on behalf of participating content providers, comprising:

locating at least one ICDN-aware server within an enterprise firewall;

5 associating the at least ICDN-aware server with a public IP address irrespective of its location within the enterprise firewall;

responsive to a request for given Internet content originating from an end user within the enterprise, selectively mapping the end user to the ICDN-aware server to enable the end user to attempt to retrieve the given Internet content; and

10 serving the given Internet content from the ICDN-aware server.